

# Construction Lab Technician

## Certifications Matrix Showing Certifications Required to Receive Permanent Status to the Following Grades

Laboratory Technician Name: \_\_\_\_\_ Current Grade: \_\_\_\_\_

Tr. Engineer Worker (S1)			Tr. Construction Tech. I (S4)		Tr. Construction Tech. II (S5)		Tr. Construction Tech. III (S6)		Tr. Construction Tech. IV (S7)		Tr. Engineer Specialist (S9)	
Proficiency in 50% of the tests Required for ATI Soils/Agg certification (All Labs) *	R		ATI Soils/Agg certification (All Labs)		ATI Soils/Agg certification (All Labs)		ATI Soils/Agg certification (1,2,3,4,6,7)		ATI Soils/Agg certification (1,2,3,4,6,7)		ATI Soils/Agg certification (3,6)	
	T											
	C											
	R				ATI Asphalt Certification (1)		ATI Asphalt Certification (1,2,3,5,6)		ATI Asphalt Certification (1,2,3,5,6)		ATI Asphalt Certification (3,6)	
	T											
	C											
	R				ACI Concrete Strength Testing Certification (1)		ACI Concrete Strength Testing Certification (1,2,6,7)		ACI Concrete Strength Testing Certification (1,2,6,7)		ACI Concrete Strength Testing Certification (6)	
	T											
	C											
	R				ACI Field Technician Grade 1 Certification (1)		ACI Field Technician Grade 1 Certification (1,6,7)		ACI Field Technician Grade 1 Certification (1,2,6,7)		ACI Field Technician Grade 1 Certification (6)	
	T											
	C											
Introductory Applied Math (All Labs)	R		Intermediate Applied Math (All Labs)		Advanced Applied Math (All Labs)		Demonstrate Proficiency in PG Binder Testing (5)		ATI Field Technician Certification (2,6)		ATI Field Technician Certification (6)	
	T											
	C											
Basic Work Zone Traffic Control (All Labs)	R		Introduction to Partnering (All Labs)		Advanced Work Zone Traffic Control (All Labs)		Demonstrate Proficiency in Asphalt Rubber Testing (5)					
	T											
	C											
	R						Demonstrate Proficiency in Asphalt Emulsion Testing (5)		Applied Construction Statistics (All Labs)			
	T											
	C											
	R						Coaching Techniques (All Labs)		Coach for 2 Certifications (All Labs)		Coach All Applicable Certifications (All Labs)	
	T											
	C											

**Note:** All elements in prior grades required to receive permanent status. (if applicable).

Qualification to coach requires certification in corresponding module.

**R = Registered T = Training Completed C = Passed Certification**

**\* Proficiency required in the following test procedures for the S1 classification:**

1. Project and Area Labs
2. Regional Labs
3. Central Lab (Mix Design)
4. Central Lab (Soils & Agg)

5. Central Lab (Liquid Asphalt)
6. Central Lab (Quality Assurance)
7. Central Lab (Structural Materials)

- ARIZ 201
- ARIZ 210
- ARIZ 211
- ARIZ 225

- ARIZ 245
- AASHTO T89
- AASHTO T90
- AASHTO T 176

**February 5, 2003**